

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	230	(FPI X-ray xray) and turbine and laser and (camera video)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 10:15
L1	1517	(FPI X-ray xray) and (turbine blade airfoil) and laser and (camera video)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 10:15
S11	1	(FPI X-ray xray) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 10:14
S45	0	((co cobalt) and (cr chromium) and (al or aluminum) and (y or yttrium) and (pt or platinum) and (hf hafnium) and (si silicon) and (re rhenium) and (ru ruthenium) and (ni nickel)).ti,ab,clm. and (turbine airfoil blade) and ("427".clas. "428". clas. 416/241r.ccls.) not (S43 S44)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 11:50
S44	14	((co cobalt) and (cr chromium) and (al or aluminum) and (y or yttrium) and (pt or platinum) and (hf hafnium) and (si silicon) and (zr zirconium) and (ta tantalum) and (re rhenium) and (ru ruthenium) and (ni nickel)).ti,ab,clm. and (turbine airfoil blade) and ("427". clas. "428".clas. 416/241r.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 11:50
S3	613	(co cobalt) and (cr chromium) and (al or aluminum) and (y or yttrium) and (pt or platinum) and (hf hafnium) and (si silicon) and (zr zirconium) and (ta tantalum) and (re rhenium) and (ru ruthenium) and (ni nickel) and ("427".clas. "428".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 11:41
S43	82	((co cobalt) and (cr chromium) and (al or aluminum) and (y or yttrium) and (hf hafnium) and (si silicon) and (re rhenium) and (ni nickel)).ti, ab,clm. and (turbine airfoil blade) and ("427".clas. "428".clas. 416/241r.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:06

## EAST Search History

S42	550	((co cobalt) and (cr chromium) and (al or aluminum) and (y or yttrium) and (hf hafnium) and (si silicon) and (re rhenium) and (ni nickel)) and (turbine airfoil blade) and ("427".clas. "428".clas. 416/241r. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:05
S41	1	(rhenium with (precious adj metal)) same (oxidation with resistance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:20
S40	183	rhenium with (precious adj metal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:20
S39	27	("3961910"   "4070507"   "4477538"   "4962005"   "5238752"   "5427866"   "5500252"   "5514482"   "5645893"   "5658614"   "5667663"   "5716720"   "5763107"   "5788823").PN. OR ("5942337").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 14:55
S38	17	"5942337"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/26 14:39
S37	1	tadayoshi.inv. and masaharu.inv. and isamu.inv. and koji.inv. and norihide.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/26 14:35
S36	39	(second near5 (MCrAlY\$ NiCoCrAl\$ NiCrAlY\$ CoCrAlY\$ CoNiCrAlY\$)).ti, ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/26 14:05
S35	8	(((((plural plurality multiple) with layers) with (MCrAlY\$ NiCoCrAl\$ NiCrAlY\$ CoCrAlY\$ CoNiCrAlY\$ ((Cr chromium) with (Al aluminum) with (Y yttrium)))) and (pt platinum)).ti, ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/26 14:05
S34	1	"US2005006833"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/26 08:32

## EAST Search History

S33	22	("20010004474" "4152488" "4326011" "4419416" "4808055" "4937042" "5076897" "5141821" "5374319" "5455119" "5554837" "5701669" "5822638" "5935584" "5997248" "6149389" "6221175" "6410159" "6475642" "6475642" "0068008" "7009137").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 08:27
S32	3	((("20010004474") or ("4326011") or ("4419416"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 08:01
S31	9	S29 and Hf	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/07 16:30
S30	3	S29 and Hf and "%"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/07 16:30
S29	52	(US-20060046090-\$ or US-20060051502-\$ or US-20050220995-\$ or US-20060045785-\$ or US-20050118330-\$ or US-20020066770-\$ or US-20020102360-\$ or US-20020005233-\$).did. or (US-6410159-\$ or US-6221175-\$ or US-6149389-\$ or US-5997248-\$ or US-5701669-\$ or US-5622638-\$ or US-5554837-\$ or US-5395584-\$ or US-5374319-\$ or US-5076897-\$ or US-4937042-\$ or US-4808055-\$ or US-4675204-\$ or US-6475642-\$ or US-6905728-\$ or US-7009137-\$ or US-6780458-\$ or US-6365222-\$ or US-5302414-\$ or US-6491208-\$ or US-5741556-\$ or US-5652028-\$ or US-5141821-\$ or US-5261940-\$ or US-4518442-\$ or US-4104782-\$).did. or (WO-2004016819-\$).did. or (GB-2356204-\$ or US-5997248-\$ or EP-915184-\$ or DE-19547903-\$ or EP-886721-\$ or US-5622638-\$ or US-5395584-\$ or EP-785837-\$ or EP-478374-\$ or EP-270785-\$ or EP-443877-\$ or EP-287370-\$ or DE-3426201-\$ or WO-2006025865-\$ or US-20020066770-\$ or US-6365222-\$ or EP-401611-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/07 16:28

## EAST Search History

S28	20	(HIP (hot adj isostatic)) and (KSI same temperature same pressure same hours) and turbine and cold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/07 11:42
S27	75	(HIP (hot adj isostatic)) and (KSI same temperature same pressure same hours) and turbine	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/07 11:41
S26	193	(HIP (hot adj isostatic)) and (KSI same temperature same pressure same hours)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/07 11:41
S25	2	"5302414".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/07 10:21
S24	20	("6780458" "6838191" "20050084701" "6049978" "5788785" "4302256" "20040031270" "4291448" "6491208").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/07 09:31
S23	8	((Nb niobium) with MCrAlY).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/06 14:16
S22	5	(Nb with MCrAlY).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/06 14:16
S21	2	Nb and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/06 08:08

## EAST Search History

S20	70	US-3145287-\$.DID. OR US-3676085-\$.DID. OR US-3958097-\$.DID. OR US-3961098-\$.DID. OR US-4233335-\$.DID. OR US-4246323-\$.DID. OR US-4416421-\$.DID. OR US-4532191-\$.DID. OR US-4680199-\$.DID. OR US-4865252-\$.DID. OR US-5059095-\$.DID. OR US-5071059-\$.DID. OR US-5268045-\$.DID. OR US-5302414-\$.DID. OR US-5795626-\$.DID. OR US-5894053-\$.DID. OR US-5954275-\$.DID. OR US-6120832-\$.DID. OR US-6296723-\$.DID. OR US-6365222-\$.DID. OR US-6368727-\$.DID. OR US-6410159-\$.DID. OR US-6434876-\$.DID. OR US-6444259-\$.DID. OR US-6521293-\$.DID. OR US-6592947-\$.DID. OR US-6602545-\$.DID. OR US-6623798-\$.DID. ("20020066770" "20020102360" "20030126800" "20040037654" "20040079648" "20040082069" "20040086635" "20040091627").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/06 07:55
S19	2	Nb and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/06 07:53

## EAST Search History

S18	40	(US-20060046090-\$ or US-20060051502-\$ or US-20060045785-\$ or US-20050220995-\$ or US-20020102360-\$ or US-20020066770-\$ or US-20050118330-\$).did. or (US-6475642-\$ or US-6410159-\$ or US-6221175-\$ or US-6149389-\$ or US-5997248-\$ or US-5701669-\$ or US-5622638-\$ or US-5554837-\$ or US-5395584-\$ or US-5374319-\$ or US-5076897-\$ or US-4937042-\$ or US-4808055-\$ or US-4675204-\$ or US-6905728-\$ or US-7009137-\$ or US-6491208-\$ or US-6365222-\$). did. or (WO-2004016819-\$).did. or (GB-2356204-\$ or EP-886721-\$ or US-5997248-\$ or EP-915184-\$ or EP-785837-\$ or US-5622638-\$ or DE-19547903-\$ or EP-478374-\$ or US-5395584-\$ or EP-287370-\$ or EP-443877-\$ or EP-270785-\$ or DE-3426201-\$ or WO-2006025865-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/06 07:37
S17	117	cold with gas with dynamic with spray\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 21:26
S16	6	"2004016819".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 20:43
S15	12	(grit\$ with turbine with blade) and laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 19:51
S14	60	grit\$ with turbine with blade	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 19:51
S13	1	grit\$ and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 19:51
S12	1	(grit and (depth height thick\$)) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 19:50

## EAST Search History

S9	0	(laser and grind\$ and (FPI X-ray xray)) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 19:42
S10	4	(laser and grind\$) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 18:52
S8	0	(laser and grind\$ and ((direct adj diode) Nd:YAG NDYAG fiber CO2 (carbon adj dioxide))) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 18:52
S7	0	(laser and grind\$ and (FPI X-ray xray) and ((direct adj diode) Nd:YAG NDYAG fiber CO2 (carbon adj dioxide))) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 18:52
S6	28	(US-20060046090-\$).did. or (US-6410159-\$ or US-6221175-\$ or US-5395584-\$ or US-6149389-\$ or US-5997248-\$ or US-5701669-\$ or US-5622638-\$ or US-5554837-\$ or US-5374319-\$ or US-5076897-\$ or US-4937042-\$ or US-4808055-\$ or US-4675204-\$ or US-6475642-\$). did. or (EP-886721-\$ or GB-2356204-\$ or US-5997248-\$ or EP-915184-\$ or EP-785837-\$ or US-5622638-\$ or DE-19547903-\$ or US-5395584-\$ or EP-287370-\$ or EP-478374-\$ or EP-443877-\$ or DE-3426201-\$ or EP-270785-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/05 18:49
S4	10	hu.inv. and yiping.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:11
S5	4	hu.inv. and yiping.inv. and william. inv. and hehmann.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:09
S2	2	"6475642".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:04

## EAST Search History

S1	26	US-4675204-\$.DID. OR US-4808055-\$.DID. OR US-4937042-\$.DID. OR US-5076897-\$.DID. OR US-5374319-\$.DID. OR US-5395584-\$.DID. OR US-5554837-\$.DID. OR US-5622638-\$.DID. OR US-5701669-\$.DID. OR US-5997248-\$.DID. OR US-6149389-\$.DID. OR US-6221175-\$.DID. OR US-6410159-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 15:26
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